

6 receiving user query information, wherein receiving includes processing data entered on a
7 query form stored on the wireless device, and wherein the user query information specifies requested
8 network data;

9 sending a compressed transport protocol (CTP) query to a proxy server, wherein the CTP
10 query is converted to a hypertext transfer protocol (HTTP) query by the proxy server;

11 receiving a CTP response from the proxy server, wherein the CTP response is generated from
12 an HTTP response by the proxy server; and

13 displaying requested network data on the wireless device, wherein the requested network data
14 comprises data from the Internet web site.

B)
1 18. (New) The method of claim 17, further comprising:
2 displaying a list of wireless applications on the wireless device;
3 receiving a user selection of a wireless application; and
4 in response to the user selection, displaying a query form.

1 19. (New) The method of claim 17, wherein displaying the requested network data
2 comprises:

3 fetching compact markup language (CML) content from the proxy server; and
4 rendering the CML content for display on the wireless device.

1 20. (New) The method of claim 17, further comprising sending and receiving arbitrary
2 length messages between the wireless device and the network using a reliable message protocol
3 (RMP) that sends messages in a single packet that can be reconstructed on receipt.

1 21. (New) The method of claim 20, wherein delivery of packets is not guaranteed, and
2 wherein RMP includes a mechanism for retransmission of packets.

1 22. (New) A system for wireless communication between a wireless device and a
2 network, comprising:

3 at least one network computer;

4 at least one server coupled to the at least one network computer; and

5 a wireless device comprising:

6 a display; and

7 a storage device that stores a plurality of software, including,

8 a plurality of wireless applications, each of which is for accessing an Internet
9 web site; and

10 software for converting data to a compressed transport protocol (CTP),

11 wherein the data comprises hypertext transfer protocol (HTTP) queries sent to the server and HTTP
12 responses received from the server.

1 23. (New) The system of claim 22, wherein the plurality of software stored is further for:
2 receiving user query information, wherein receiving includes processing data entered on a
3 query form stored on the wireless device, and wherein the user query information specifies requested
4 network data; and

5 displaying requested network data on the wireless device, wherein the requested network data
6 comprises data from the Internet web site.

1 24. (New) The method of claim 22, wherein the plurality of software stored is further for:
2 displaying a list of wireless applications on the wireless device;
3 receiving a user selection of a wireless application; and
4 in response to the user selection, displaying a query form.

1 25. (New) The method of claim 23, wherein displaying the requested network data
2 comprises:
3 fetching compact markup language (CML) content from the proxy server; and
4 rendering the CML content for display on the wireless device.

B) 1 26. (New) The method of claim 22, wherein the plurality of software stored is further for
2 sending and receiving arbitrary length messages between the wireless device and the network using a
3 reliable message protocol (RMP) that sends messages in a single packet that can be reconstructed on
4 receipt.

1 27. (New) The method of claim 26, wherein delivery of packets is not guaranteed, and
2 wherein RMP includes a mechanism for retransmission of packets.

Sub
1 28. (New) An electromagnetic medium in a wireless device containing executable
2 instructions which, when executed in a the wireless device cause the wireless device to:
3 store a wireless application on the wireless device, including loading the wireless application
4 to the wireless device from a network, wherein the wireless application includes software for
5 accessing an Internet web site;

6 receive user query information, wherein receiving includes processing data entered on a
7 query form stored on the wireless device, and wherein the user query information specifies requested
8 network data;

9 send a compressed transport protocol (CTP) query to a proxy server, wherein the CTP query
10 is converted to a hypertext transfer protocol (HTTP) query by the proxy server;

11 receive a CTP response from the proxy server, wherein the CTP response is generated from
12 an HTTP response by the proxy server; and

13 display requested network data on the wireless device, wherein the requested network data
14 comprises data from the Internet web site.

1 29. (New) The method of claim 28, wherein the executable instructions, when executed
2 in a the wireless device, further cause the wireless device to:

3 display a list of wireless applications on the wireless device;

4 receive a user selection of a wireless application; and

5 in response to the user selection, display a query form.

1 30. (New) The method of claim 28, wherein displaying the requested network data
2 comprises:

3 fetching compact markup language (CML) content from the proxy server; and

4 rendering the CML content for display on the wireless device.

1 31. (New) The method of claim 28, wherein the executable instructions, when executed
2 in a the wireless device, further cause the wireless device to send and receive arbitrary length